



CERTIFICATE OF MAILING

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Attorney for Applicant

PATENT

Docket No. 3337.2.1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Daniel R. Cook et al.)
Serial No.: 10/676,945)
Filed: October 1, 2003) Art Unit
For: PETROLEUM EXPLORATION AND PREDICTION) 2857
APPARATUS AND METHOD)

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313

Sir:

This Information Disclosure Statement discloses information which has come to the attention of Applicant or those individual designated in § 1.56(c) and is being submitted to comply with the duty of disclosure set forth in 37 C.F.R. § 1.56. In accordance with 37 C.F.R. § 1.97(b), this Statement is being filed within three (3) months of the filing date of the above-identified application or before the mailing date of a first Action on the merits.

Neither Applicant nor those individual designated in § 1.56(c) make any representation that any information disclosed herein may be "prior art" within the meaning of that term under 35 U.S.C. §§ 102 or 103. Moreover, pursuant to 37 C.F.R. § 1.97, the filing of this Information



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Disclosure Statement shall not be construed as a representation that a search has been made or as an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

In accordance with 37 C.F.R. § 1.98, this Information Disclosure Statement includes and is accompanied by:

1. A completed copy of Form PTO-1449 listing the patents, publications and other information being submitted for consideration; and
2. A legible copy of each patent, publication and other item of information in written form listed on the enclosed Form.

Various patents, publications, and other items of information listed on the accompanying Form PTO-1449 were previously cited by and/or submitted to the U.S. Patent and Trademark Office in Applicant's prior application (App. Serial No. 10/364,785 filed February 11, 2003 for "SIGNAL INTERPRETATION ENGINE"), which is being relied upon for an earlier filing date under 35 U.S.C. § 120. In accordance with 37 C.F.R. § 1.98(d), copies of these patents, publications, and other items of information are not being submitted with this Statement.

DATED this 21st day of January, 2004.

Respectfully submitted,

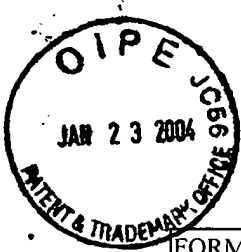


A. John Pate
Reg. No. 36,234
Attorney for Applicant

Date: January 21, 2004

PATE PIERCE & BAIRD
550 Parkside Tower
215 South State Street
Salt Lake City, Utah 84111
Telephone: (801) 530-0330
Facsimile: (801) 530-5955

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FORM PTO-1449 LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (use several sheets if necessary)	SERIAL NO. 10/676,945	ATTORNEY DOCKET NO. 3337.2.1
	FILING DATE October 1, 2003	GROUP ART UNIT 2857
	APPLICANT(S): Daniel R. Cook et al.	

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS/ SUBCLASS	FILING DATE
	A1	4,883,067	11/28/1989	Knispel et al.	128/732	05/15/1987
	A2	5,213,338	05/25/1993	Brotz	273/460	09/30/1991
	A3	5,222,210	06/22/1993	Leivian	395/161	12/03/1990
	A4	5,253,332	10/12/1993	Kumamoto	395/51	06/24/1991
	A5	5,255,347	10/19/1993	Matsuba et al.	395/23	04/23/1991
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	A7	5,353,380	10/04/1994	Zhang	395/3	04/19/1993
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).



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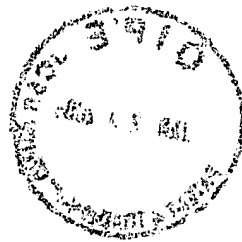
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS/ SUBCLASS	FILING DATE
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	A38	EP 743,217	11/20/1996			
	A39	EP 745,843	12/04/1996			
	A40	WO 96/38726	12/05/1996			

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NON-PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT
	A41	J.J. Rajan and P.J.W. Rayner, "Time Series Classification Using the Volterra Connectionist Model and Bayes Decision Theory," IEEE Int'l. Conf. on Acoustics, Speech and Signal Processing, Vol. 1, pp. 601-604
	A42	NeuraWare Brochure, "NeuralWorks Professional II/PLUSv5.0, 2 pages
	A43	J.J. Rajan and P.J.W. Rayner, "Unsupervised Time Series Classification," Signal Processing, Vol. 46(1), pp. 57-74
	A44	Reflection Seismic Data and Geopressure Formations, http://www.ldeo.columbia.edu/GBRN/he/paper/geopressure/seis_geop.html , 4 pages, July 14, 2003.

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